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=> s Ferrer Josep Escaich/AU  
L10 0 FERRER JOSEP ESCAICH/AU

=> s Verbruggen August Lodewijk/AU  
L11 2 VERBRUGGEN AUGUST LODEWIJK/AU

=> dis 111 1-2 bib abs

L11 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN  
AN 2005:1004529 CAPLUS <<LOGINID::20081023>>  
DN 143:299104  
TI Use of sulfated polysaccharides for treatment of arthrosis  
IN Vila Pahi, Francisco Javier; Escaich Ferrer, Josep; Verbruggen,  
August Lodewijk; Verges Milano, Josep; Ruhi, Roura Ramon; Alaez  
Verson, Carlos Raul

PA Bioiberica, S.A., Spain  
SO PCT Int. Appl., 20 pp.  
CODEN: PIXXD2

DT Patent  
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005084610	A2	20050915	WO 2005-EP1390	20050211
	WO 2005084610	A3	20051208		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,				

NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM,  
 SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
 RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,  
 AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,  
 EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,  
 RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML,  
 MR, NE, SN, TD, TG  
 ES 2251289 A1 20060416 ES 2004-464 20040227  
 ES 2251289 B1 20070701  
 AU 2005218729 A1 20050915 AU 2005-218729 20050211  
 CA 2555616 A1 20050915 CA 2005-2555616 20050211  
 JP 2007523925 T 20070823 JP 2007-500092 20050211  
 EP 1917018 A2 20080507 EP 2005-707336 20050211  
 R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,  
 IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR  
 US 20080051350 A1 20080228 US 2006-590311 20060823  
 PRAI ES 2004-464 A 20040227  
 WO 2005-EP1390 W 20050211  
 AB The present invention relates to the use of a sulfated polysaccharide in acid form or as a physiol. acceptable salt thereof, selected from the group consisting of inulin sulfate, gellan sulfate, pullulan sulfate, curdlan sulfate, alginic acid sulfate, laminarin sulfate, and pectin sulfate, for the preparation of a medicament for the treatment or prophylaxis of arthrosis in a mammal. Preferably, the sulfated polysaccharide is inulin sulfate, most preferably inulin polysulfate sodium salt. The present invention also relates to the use of a sulfated oligosaccharide derived from a polysaccharide selected from the group consisting of inulin, gellan, pullulan, curdlan, alginic acid, laminarin, and pectin, for the preparation of a medicament for the treatment or prophylaxis of arthrosis in a mammal. For example, inulin polysulfate sodium salt was synthesized by reacting 88 mL (1.32 mol; 1.8 equiv/OH) of chlorosulfonic acid in pyridine with 40 g (0.25 mol) inulin at 100°, and treatment with 10% sodium acetate methanolic solution. The effectiveness of the inulin polysulfate in the production of aggrecans associated with inflammation and catabolism of human chondrocytes was demonstrated in vitro. There was a dose-effect relationship, with greater doses of the compound, there was a greater increase in the production of aggrecans associated with the cells. Inulin polysulfate was also capable of reducing the aggrecan degradation in a chondrocyte culture.

L11 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 2002:71883 CAPLUS <>LOGINID::20081023>>  
 DN 136:123676  
 TI Use of polysulfated cyclodextrins for treating osteoarthritis  
 IN Veys, Eric Maximilien; Verbruggen, August Lodewijk  
 PA Les Laboratoires Servier, Fr.  
 SO PCT Int. Appl., 17 pp.

CODEN: PIXXD2

DT Patent

LA French

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002005826	A1	20020124	WO 2001-FR2253	20010712
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,				

DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,  
 BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG  
 FR 2811572 A1 20020118 FR 2000-9272 20000717  
 FR 2811572 B1 20030418  
 CA 2416369 A1 20020124 CA 2001-2416369 20010712  
 CA 2416369 C 20080715  
 AU 2001076437 A 20020130 AU 2001-76437 20010712  
 EP 1301192 A1 20030416 EP 2001-954083 20010712  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR  
 JP 2004503594 T 20040205 JP 2002-511758 20010712  
 US 20030109493 A1 20030612 US 2003-333226 20030115  
 US 6930098 B2 20050816  
 PRAI FR 2000-9272 A 20000717  
 WO 2001-FR2253 W 20010712

AB The invention concerns the use of polysulfated cyclodextrins or their addition salts to obtain pharmaceutical compns. useful for treating osteoarthritis. Cyclodextrin polysulfate sodium salt was prepared by the reaction of chlorosulfonic acid with cyclodextrin and then reaction with sodium acetate. A tablet contained sodium  $\gamma$ -cyclodextrin polysulfate 100, hydroxypropyl cellulose 2, wheat starch 10, lactose 100, magnesium stearate 3, and talc 3 g.

RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

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 L12 0 MILANO JOSEP VERGES/AU

=> s Roura Ramon Ruhi/AU  
 L13 0 ROURA RAMON RUHI/AU

=> s Verson Carlos Raul Alaez/AU  
 L14 0 VERSON CARLOS RAUL ALAEZ/AU

=> dis hist

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FILE 'APOLLIT, BABS, CAPLUS, CBNB, CIN, COMPENDEX, DISSABS, EMA, IFIPAT, NTIS, PASCAL, PROMT, RAPRA, SCISEARCH, TEXTILETECH, USPATFULL, USPATOLD, USPAT2, WPIFV, WPIINDEX, WSCA, WTEXTILES, MEDLINE, EMBASE, BIOSIS' ENTERED AT 09:21:27 ON 23 OCT 2008

L1 188644 S OSTEOARTHRITIS  
 L2 95540 S L1 AND TREAT?  
 L3 7928 S L2 AND (INULIN OR GELLAN OR PULLULAN OR CURDLAN OR ALGINIC O  
 L4 6519 S L3 AND (SULFATE OR SULPHATE)  
 L5 1408 S L4 AND (SODIUM(A)SALT)  
 L6 132 S L3 AND (POLYSULFATE OR POLYSULPHATE)  
 L7 1408 S L5 AND (SODIUM(A)SALT)  
 L8 42 S L6 AND (SODIUM(A)SALT)

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